



The

GARzette

The Official Newsletter of the Gwinnett Amateur Radio Society

June 2014

<http://www.gars.org/>

Volume 23, Issue 6



CLUB OF THE YEAR at DAYTON 2014!



*ARRL President Emeritus
Larry E. Price, W4RA
Amateur of the Year.*

*David Freese Jr, W1HKJ,
Technical Excellence
Award*

*2014 Club of the Year
Left to right*

*Hamvention® 2014
General Chairman
Charles Kaiser, KD8JZR*

*ARRL CEO David Sumner,
K1ZZ
Special Achievement Award*

*Kyle Albritton W4KDA Rick Cobb N4XY, President
Norm Schklar WA4ZXV David Adcock KA4KKF*

GARS Recognized as Club Of The Year!

Message from the President

After 25 years as a ham I have finally experienced the ultimate Amateur Radio event, Dayton Hamvention! And what better way to experience Dayton than as honored guests of the Hamvention organizers as the 2014 Club of the Year. Hours... no I mean DAYS of walking through aisle after aisle of new and old radio and antenna gear. There was literally millions of dollars' worth of equipment on display. Slick displays from the big manufacturers featuring the likes including Kenwood, Yaesu, Icom, and Flex Radio down to small booths featuring specialty services and vendors. Kyle and I strolled through "Audio Alley" looking at all the fancy sound gear when we saw Bob Heil busily prepping his booth. I introduce myself as Presidents of GARS, letting him know I have some "AV staging" experience, and I'm immediately pulled into a dog-and-pony show with A/B comparisons of his various microphones versus others. What an experience.

Things got serious Saturday night as we ditched our sweaty ham-fest attire and put on dinner jackets for the official awards ceremony. We rubbed elbows and had eyeball QSOs with the Hamvention executives. All of them eager to explain their duties in organizing and running the largest and most recognized hamfest in the world. Kyle had a long conversation with fellow award winner David Freese Jr, W1HKJ. David won the award for technical excellence for his work with Fast Light Digital Modem Application (fldigi). You can bet Kyle had plenty of questions and comments for David regarding his work! Other award recipients included Dr. Larry Price, W4RA for Amateur of the Year and Dave Sumner, K1ZZ for Special Achievement.

The remainder of our visit to Dayton was spent walking, and walking, and walking. Well, I



needed the exercise but take my advice, choose 2 or 3 of the fabulous forums during your stay. It will keep you off your feet for a couple hours and you will absolutely learn something. Take the opportunity to chat up the manufacturers and vendors for info. You will never be closer to the source of information.

mation.

It was my honor to formally accept the Dayton Hamvention "Club of the Year" award along with 3 past presidents of GARS: Kyle W4KDA, Norm WA4ZXV, and David KA4KKF. Without those shoulders to stand on there would be no award. I also want to thank our general membership. You folks make up the heart of the best Amateur Radio organization in the world.

Thanks and 73s,

Rick, N4XYX

"It is not the class of license the Amateur holds, but the Class of the Amateur that holds the license."

[Author Unknown]



GARS May Meeting

"Ice Cream Social and *Field Day!* What are *you* doing?"

By David, KA4KKF

Tuesday June 10, 2014



Meetings are held on the 2nd Tuesday of each month at 7pm.
(except December)



**This month our meeting is at
Harbins Park, 2995 Luke Edwards Road, Dacula, GA**

GARS Communications

2 Meter Repeater

147.075(+) MHz
82.5 PL Tone

APRS

144.390 -- 1200 Baud
W4GR

D-Star

WD4STR
145.060 + (1.4 MHz)
440.550 + (5 MHz)

Main Repeater Site
Oak Street,
Lawrenceville

2 Meter Repeater

147.255(+) MHz
107.2 PL Tone

6 Meter Repeater

53.110 (-1 MHz)
82.5 PL Tone

70 Cm Repeaters

444.525(+) MHz
82.5 PL Tone
442.100(+)
82.5 PL Tone

Backup Repeater Site
Lanier Mountain,

Check out the following:

Website of the month-Pg 6

App of the month-Pg 15

Don't forget to support our advertisers at the back of the GARzette.

BOY SCOUTS OF AMERICA OPPORTUNITY

GARS will again participate in the Northeast Georgia Council's "*Pathfinder*" program in June. Pathfinders is an exciting and very productive recent addition to the Program offerings in the Council. Scouts attend as many one-day Merit Badge sessions as the wish during the two weeks at **Scoutland Reservation** near Gainesville.

Last year GARS staffed the event for two days. A total of fifty-six Scouts earned the Radio Merit Badge and were introduced to the Amateur Service. They made HF contacts at the temporary station GARS operators had set up. Boys also made VHF contacts among their class using a variety of HT's.

This year GARS will conduct Radio Merit Badge on Wednesday June 11th and 18th. Carter Wood, AG4LK will conduct the academic portion of the class. All GARS members are welcome to participate. Contact Carter if you are interested in this opportunity to bring Amateur Radio to another generation.

Carter J Wood - AG4LK (678) 895-1580 carterjwood@gmail.com

Dacula Memorial Day Parade

The 21st annual Dacula Memorial Day Parade was the largest to date with 162 participants and approximately 2300 parade marchers. Organizers estimated that there were also more spectators than in previous years. The nice weather, cooler than in recent years, probably had a lot to do with that. Forty two GARS and ARES members got people checked in, lined up in the correct place and on the way at the correct time in the correct order.

Perhaps the most difficult participants were the horses. (The primaries are over so we had no problems with politicians.) There were at least forty this year which is almost three time the number we usually have and some of those didn't want to be there. Four didn't want to line up and go and one balked and its rider had to bring him back before they left the parking lot. That was the only person or vehicle that wouldn't start.

Dacula mayor Jimmy Wilbanks made a point to personally thank GARS for helping with the parade and a thank you note from Marvin Atherton, the founder of the parade, has been posted to the GARS Yahoo group. Several others made favorable comments. It is safe to say we made a very good impression on the community

It was fun and instructive. We put into practice some of those skills we have learned as hams; got to play on the radio, impressed community leaders with our ability and professionalism and, provided a real service to the community. Plans are already under way for next year's parade thanks to several suggestions from those who helped. Their names are listed here. Be sure to thank them when you see them.

Earl, AF4FG

Bill Cherepy	WB4WTN	Michael Parrott	N4MEP
Greg Freeman	KK4GWG	Paul Pannell	K4XRA
Neal Gilchrist	W4HNG	Paul Branson	KA4YZR
Don Stewart	KK4VLO	Steve Back	WB2OGY
Randy Collins	N4COR	Leon Jones	KM4AJD
Steven Richardson	N4STR	Howard Liverance	N2JCE
John Craig	KK4JXU	Doug Kregel	KB6RRX
Chris Fowler	K4FH	John Craig	KK4JXU
Karen Albritton	KI4HPP	Rich Arland	K7SZ
Kyle Albritton	W4KDA	Curt Young	WA4HCE
Hal Collier	W4IGE	Barry Edwards	W4BWE
Paul Kelley	W4KLY	Rick Cobb	N4XYY
Kevin Highsmith	KK4WOG	David Adcock	KA4KKF
Nick Doemland	KM4AAL	Earl Whatley	AF4FG
Mitch Matteau	N0DIM	Norm Schklar	WA4ZXV
Mike Weathers	ND4V	Ryan Haney	KJ4DRN
Sid Weaver	N4NQ	Charlie Corriveau	K4YDB
Mike Ford	KK4NZE	Ralph Pickwick	KJ4CNC
Allison Lynch	KZ3JFY	Lee Stone	KT4LS
Dave Bruse	W4DTR	Rich Waigand	K4KME
Mike Smith	KK4KHS	Mathew North	KI4PFF



Dayton Hamvention 2014



As you are probably aware, GARS won the Dayton Hamvention 2014 Club of the Year award. The DARA club offered us four tickets to the Hamvention and to a by-invitation-only award banquet dinner. As sitting president when it was awarded, I was the primary contact and Rick became president soon after I was sworn to the secret that we had won. Since we had four tickets, Rick and I devised a plan and we were lucky enough for it to work out. We managed to have the four last presidents (David Adcock, Norm Schklar, me, and Rick Cobb), encompassing over ten years of fine GARS history, to represent GARS at the award events.

The ladies and gentlemen from DARA were so extremely friendly and complimentary toward us. The awards banquet was full of speeches and ceremony, but not stuffy in any way. Norm and David seemed to hit it off with ARRL CEO and Special Achievement Award winner Dave Sumner, K1ZZ. I enjoyed spending time with FLDigi creator and Technical Excellence Award winner David Freese Jr, W1HKJ. I think it was easy for the folks at the dinner to tell how GARS is like an extended family. It was apparent how well we get along with all of us finishing each others sentences and the gentle joking around we often do with each other.

The Hamvention itself was amazing. The bone yard was excruciatingly large, with just about every piece of amateur radio related piece of equipment ever available to man. Everywhere we went people kept eyeing our red badges. It did not sink in at first, but eventually I came to realize that the red badges were a distinguished honor as award winners.

The Hamvention's scale is immense and it took several days for me to stop getting lost. The forums were numerous, but I only found the time to attend two. I quite enjoyed the one I went to on Restoring Antique Radios. That one was going on at the same time as the ARRL's 100th Birthday Party, marking to the day, the centennial of the founding of the Amateur Radio Relay League. We could hear the happy birthday singing from down the hall during our forum. In a way I was sorry I did not attend the party, but the restoration information I learned in the other forum will be invaluable to me.

It is impressive and amazing in one way, and yet not surprising at all in another, that you see GARS members around every corner while in Dayton. It is such a huge understatement to say I had a great time. The time with my friends, the DARA crew, the other award winners, and the 2014 Dayton Hamvention itself gave me wonderful, once in a life-time memories.

Kyle, W4KDA



Dayton 2014 Trip - GARS - Club Of The Year

Thursday, May 15th 0825. I packed the car and started my trek to Dayton Ohio. It was a cloudy day. Kyle and Rick were going to leave at 0900. I talked to Norm on the radio while passing Kyle's house. Norm, WA4ZXV and Mike, ND4V were flying to Dayton. I took highway 20 from Buford to interstate 75. It was an hour travel time.

I was monitoring 146.520 and 146.505 MHZ. Before I got to Dalton, GA, I heard N4AOW, John on the air. We conversed for a while about who we were and where we knew each other from. Before I got to Chattanooga, I heard John talking to W4KDA. Rick and Kyle were about 30 miles behind me. John, WB4QDX and Rob, KI4SBT were about 20 miles ahead of me. They were on D-STAR. There were several other contacts made during the trip till the first gas stop. One of the contacts was KA9FJD, Stan.

It was at exit 81 just south of Knoxville that I got off the highway and pulled into a Chic-Fil-A. There in the parking lot was John and Rob. They had just finished lunch and were adjusting their radio gear for the rest of the trip. I parked the car and surprised them. Told them that Rick and Kyle were just behind us. They were ready to get going so I went inside to eat. Rick and Kyle were there in about 15 minutes. I was watching them on aprs.fi. We ate lunch and got back on the road. We made several other contacts on 146.520 MHZ. We traveled from Knoxville on up to Lexington KY. We were talking to several other hams and listening to their conversation, when I missed my turn. One of the hams that was on the air said to continue on through town and I would end up on 75 north later. Yep, talking and not paying attention to the signs or the GPS. I had the audio turned off on the GPS unit. Well Rick and Kyle were behind me now. We reached Cincinnati right about 1700 hrs. Traffic was dead slow because of construction and time of day. We met several other hams on the radio for the trip on in to Dayton. Traffic broke free just north of Cincinnati. We parted ways when they exited to their Hotel. I continued on to I-70 and headed to my hotel. I checked in at 1830.

Friday, May 16th 0800. Georgia D-STAR group was giving a class that I wanted to attend. After the class, I made my way over to Hara Arena. I called Kyle on the phone to make arrangements to pick up my ticket and car pass. We found Dave, W4DTR and Bill, WB4WTN. We took pictures and exchanged some info. We made our way to the food court for lunch. We parted ways till later. There was a threat of rain, but we started our trek through the bone yard. There was so much stuff to see. For the next 4 hours, we made our way through the maze of tents and tables looking at everything. We didn't want to miss anything.

There were IFR1200s [[Communication Service Monitor](#)] at several tables but I couldn't justify the price. They were north of \$2000.00. I was looking for Linksys WRT-54g routers but didn't see any. There were a lot of old rigs. You just have to make the trip. There was a crank-up tower with a stepper-IR beam on top. Beautiful. We met Norm and Mike inside at the Vibroplex booth. As we made our way through the complex, we met John, WB4QDX and Ed, WA4YIH and Amy, KE4IKF and Rob, KI4SBT at the D-STAR booth. Their booth was opposite the Kenwood booth where we met Don and Phil. Amazing how many people you run into at Dayton. Friday night, I went to a D-STAR get together. Met a lot of people. Hams are hilarious. It was a fun time.



Saturday, May 17th 0840. The outside bone yard was open. The inside doesn't open til 0900. Met up with Kyle and Rick for our trek through the bone yard. We started at one end and made our way as far as we could before it started to rain. We went inside about 1000 and before we went outside again the bottom let go. So we made our way through the exhibits inside. As we made our way around the exhibits inside, we met several other hams we know. It was getting close to noon and all the Atlanta hams were to gather for lunch in the seats behind the HRO booth. After lunch, we all went our separate ways looking for that elusive deal. Pictures are on Facebook and the Yahoo group. I know I left out someone that was there.

Saturday night was the Awards Dinner. We left the arena about 1600 and went to the hotel to clean up for the dinner. Plugged the address into the GPS and took off to find

(Continued on page 17)

Website Of The Month

If you do any traveling and you would like to know what repeaters are available along the route or at your destination, then *RepeaterBook* www.repeaterbook.com is a website you may find of interest. It claims to be the best FREE resource for Amateur Radio repeater information in the United States, Canada, and Mexico. They say that they "...have the most up-to-date Amateur Radio repeater listings (updated by you, our admins, and repeater coordinators). This site is different than others because we use local admins that collect repeater data".

They have comprehensive repeater data for repeaters utilizing IRLP, Echolink, AllStar, WIRES, D-Star, DMR (including MOTOTRbo), NXDN, Yaesu System Fusion, and APCO P-25. This is your *ONE-STOP SHOP* for repeater data. They cross-reference EchoLink, IRLP, and AllStar status and offer many export functions for Google Maps, Google Earth, Excel, CHIRP, G4HFQ, RTSystems, Kenwood, and other programming software platforms.

The site has a number of search options. You can do the following:

Quick Search: Pre-formatted searches with a state or province. Preconfigured searches include:

- Frequency band
- Repeater features
- Highway coverage

- Location name
- County (U.S. only)
- Since last update
- Most Viewed
- Highest quality rated
- Highest travel rates

Advanced: Search up to five states/provinces at once.

Nationwide: Search the entire U.S. or Canada by band or feature.

Travel: Search for repeaters covering a specific highway.

Proximity: Search for repeaters within a certain distance from a location.

Free Text: Search for a keyword within the database.

Vacancy: Search for an open repeater pair.

Google Site Search: Search the entire site with the power of Google.

And if you are Social Media active, you can follow them on Twitter hashtag @repeaterbook.

Bill Cherepy - WB4WTN

RepeaterBook

Search

[Repeater Database](#) | [EchoLink Database](#) | [Stolen Gear Database](#) | [News](#)

[Donate](#)

Welcome to the best FREE resource for amateur radio repeater information in the United States, Canada, and Mexico. We have the most up-to-date amateur radio repeater listings (updated by you, our admins, and repeater coordinators). This site is different than others because we use local admins that collect repeater data. No repeater directory can be 100% up-to-date, but we believe this one is more up-to-date and comprehensive than any other you can find. Visitors are invited to update and add listings. You can also rate and comment on the repeaters.

We have comprehensive repeater data for repeaters utilizing IRLP, Echolink, AllStar, WIRES, D-Star, DMR (including MOTOTRbo), NXDN, Yaesu System Fusion, and APCO P-25. This is your one-stop shop for repeater data. We cross-reference EchoLink, IRLP, and AllStar status and offer many export functions for Google Maps, Google Earth, Excel, CHIRP, G4HFQ, RTSystems, Kenwood, and other programming software platforms.

All visitors are invited to [register](#). Registered users gain access to greater content, features, and convenience. It's completely free.

[View Repeaterbook Overview](#) slide presentation.

Quick Search: Pre-formatted searches with a state or province. Preconfigured searches include:

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June Means FIELD DAY!

June 28 – 29, 2014

Start: 1800 UTC Saturday. End: 1800 UTC Sunday

Always the fourth full weekend in June

2014 Field Day finds GARS at a **new site**. It is at the east end of the county. It will be a longer drive for many. This site is out of the way but heavily used by trail walkers and bikers.

We will have a nice size pavilion and an open field plus a lot of trees. There will be signs at the last intersection and the entrance to the park.

We will have 8 stations running. If 10m shuts down, then the station will operate 80m PSK.



9:00am - We'll start our setup early. This includes unloading and unpacking equipment for the 8 plus stations to include transceivers, tuners, computers, cables, generators, power distribution, drinks, ice, hospitality tent and tables, food supplies, cooking materials, sun screens, work lights, fans, insect repellent.

- Then we will layout WiFi and wired computer network, distribute power, get ropes into trees and pull up the 8 or 10 dipoles.

- Erect supports for and mount the directional antennas.

- Move tables to where they are in proper position for the stations.

- Place the station identification cards.

- Test everything.

11:00am - Crew starts lunch setup. Finish Hospitality Setup

11:30am - Lunch (if you are finished with any critical setup) 12:00noon - Band Captains test out equipment to include the computer network. 12:30pm - Open Hospitality Tent and get everyone signed in. 12:30pm - Finish antenna installations. Test for SWR and get connected to stations.

2:00pm - for 24 hours - Field Day actually starts. Depending on propagation, we could have as many as 11 stations making contacts. That means we need lots of help keeping the stations manned for 24 hours.

- Almost for certain 40 meter and 20 meter SSB and CW (that's 4 stations) will be active almost the whole 24 hours.

- 20 meters RTTY or PSK will be open when we start and should be active most of the weekend.

- 80 meter SSB will be active from about 3:30 in the afternoon until morning on Sunday.

- 15 meters will probably open early afternoon.

- 10meters will be open sporatically, but if it is like other Field Day weekends, we'll be operating quite a bit.

- Some bands even though they don't seem open need to be monitored for openings.

2:00pm - GOTA (Get On The Air) station goes operational. This station is for new hams or persons wanting to operate a radio with a little help from the GOTA administrator.

FOR MORE INFORMATION GO TO [HTTP://GARS.ORG](http://GARS.ORG)

Beginner's Corner

Field Day – Practical Experience for New Hams

Field Day is coming up. What is Field Day? This event takes place on the last full weekend in June, and is an activity sponsored by the American Radio Relay League and Radio Amateurs of Canada. It is the largest and most anticipated activity of the year for Amateur Radio operators. For many hams it is the highlight of the year.

Field Day is where hams communicate under simulated emergency conditions. We generate our own power and put up types of antennas that would be used in an emergency.

How can Field Day benefit a new ham? Glad you asked.

First, in the morning we put up our antennas. You will learn how experienced hams erect antennas for emergency use. GARS members have several different types of antenna launchers for high frequency (HF) communications. You will also see at least a couple of VHF antennas, as well.

Second, you will see a variety of equipment that GARS members use. Not only will you see the equipment you will actually have a chance to operate one or more radios with an experienced ham sitting right next to you. The QSOs are usually quick and often come in rapid-fire succession. This is great practice for a real emergency, where you might be handling similar traffic. Even as a technician, you can operate on the HF bands. You will have a control operator sitting next to you. He or she will be right with you all the way.

Third, you can learn about new modes. Think that Ham Radio is just about two meter FM? You will learn how to operate single side-band (SSB). You might not know Morse Code, but you can watch veteran CW operators pound those keys. Like computers? Hams connect their computers to their transceivers and communicate in a variety of digital modes. Come try our luck.

Fourth, you get to spend time with fellow hams. We all talk about our favorite subject – Radio. Come out and stay as long as you care to. We will be on the air for 24 hours.

Fifth, there is always food. There will be breakfast, lunch, and dinner, and even a midnight snack.

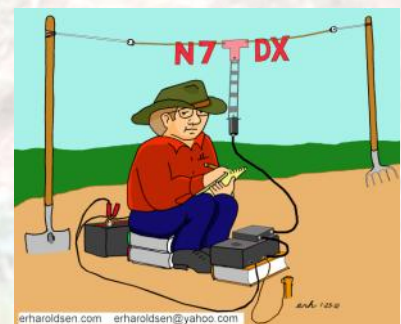
Where is Field Day? It is at Harbins park, 2995 Luke Edwards Road Dacula 30019.

Field Day starts June 28th at 8 am, and ends June 29th at about 2 pm.

Need directions? Go to http://www.gars.org/w4gr/index.php?option=com_content&view=article&id=137&Itemid=222.

See everyone there!

73 de *David Harden*, KJ4CMY



GARS Membership Page

New GARS Members in May

Robert Medwed (KM4AVA)

Andrew Peris (KM4BNM)

New Members: 2

**Total Members as of June 1, 2014
- 282-**

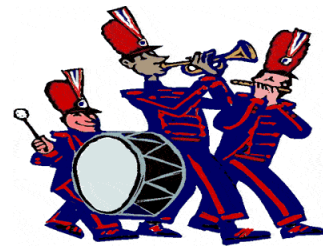
Join us for our weekly breakfast gathering at
7:30 AM most Saturdays at:
Golden Corral
2155 Riverside Parkway
Lawrenceville, GA 30043
([Directions](#))

Also, before our Tuesday meeting you are invited to join
other GARS members and guests dining at:
The Flying Machine (starting about 5:30 PM)
510 Briscoe Blvd. NE
Lawrenceville, GA
([Directions](#))

**The following members are
celebrating birthdays
in June:**

HAPPY BIRTHDAY!!
From All of Us at GARS

John Ackermann (N8UR)
Hope Collier
Robert Collom (KK3BOB)
John Davis (WB4QDX)
Christopher Fowler (K4FH)
Jim Gaffney (K4YNA)
Sarah Harden (KK4WEM)
James Hedden (KK4LDD)
James Hinkle (AG4ON)
Jan Jubon (K2HJ)
Ralph Matchette (KE4IHD)
Rick Morris (KD4VOJ)
Brian Page (N4TRB)
Tom Power (W8RED)
Charles Roberts (K4HFO)
Ron Rogers (WW8RR)
Royce Stovall (KD4EXY)
Bill Van Duynhoven (KE4TVA)
David Wilson (KK4WEV)



GARS MEMBERSHIP

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new email address, new phone number, etc.),
please email the Membership Committee - membership@gars.org

You can **renew or update** your Amateur Radio license information with the FCC at their website for free
<http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chairman: Karen Albritton, KI4HPP

Committee Members: Richard Atkin, KJ4ZTY.

Net Managers Corner

Hello everyone, from N4LNE, GARS Net Manager.

GARS NEEDS YOUR HELP

GARS is a great Amateur Radio service club and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. We need weekly participation to make our net function and to keep them interesting. We have a very small group of very dedicated people that make the net happen each week but we need more help.

Out of over 250 members we have only six primary people that run every Monday Night Net. In no particular order they are:

Norm - WA4ZXV	Mitch - N0DIM
Hal - W4IGE	Don - KK4VLO
Ray - N4GYN	
Sandy - KJ4DRO	
John - WB4QDX	
Bill - KK4AUA	
Don - KK4VLO	

I need 40 people to fill NCS and ANCS positions. The schedule is planned and posted months in advance and is flexible. If your plans change we can and do make adjustments to make it work, and I make those changes happen as soon as I am notified of a problem. I also send out reminders each week to let you know you are scheduled for the next Monday night net. In short we make it simple. All you need to do is show up, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at the monthly GARS meeting or by sending me a message via the [Mentors & Elmers](#) page on the web site at www.gars.org. Signup to help support the effort that makes GARS the great club that it is.

73' See you on the Nets!

Phil McCleary, N4LNE
Net Manager



Upcoming TOPICS for the "KNOW IT ALL" Net Thursday nights, 8:30-9:30 pm

June-04	Digital
June-11	Radios
June-18	Antennas
June-25	Field Day

Everyone is having great fun on this net! Come join us and become a "KNOW IT ALL".

TIME: 8:30 every Wednesday evening on the GARS repeater - 2m 147.075 +, PL 82.5
6m 53.110 - No Tone
70cm 442.100 + PL 100.0

ARRL CONTESTING INFO

(All names of contests are Links in .pdf version)

June

14-16 [June VHF](#)

15 [Kids Day](#)

28-29 [Field Day](#)

July

12-13 [IARU HF World Championship](#)

August

2-3 [August UHF](#)

16-17 [10 GHz & Up – Round 1](#)

17 [Rookie Roundup – RTTY](#)



[June VHF](#)

For amateurs in the US and Canada (and their possessions) to work as many amateur stations in as many different 2 degrees x 1 degree Maidenhead grid squares as possible using authorized frequencies above 50 MHz. Stations outside the US & Canada (and their possessions) may only work stations in the US (and its possessions) and Canada.

Stations in KH0-9, KL7 & KP1-KP5, CY9 and CY0 count as W/VE stations and can be worked by DX stations for contest credit.

[About Kids Day](#)

Twice a year, ARRL offers an event designed to promote Amateur Radio to our youth. Share the excitement with your kids or grand-kids, a Scout troop, a church or the general public!

Kids Day is designed to give on-the-air experience to youngsters and hopefully foster interest in getting a license of their own. It is also intended to give older hams a chance to share their station and love for Amateur Radio with their children.

[Field Day is part educational event, part operating event, part public relations event – and ALL about FUN!](#)

[Objective:](#)

To work as many stations as possible on any and all amateur bands (excluding the 60, 30, 17, and 12-meter bands) and to learn to operate in abnormal situations in less than optimal conditions. Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit, but are not eligible to submit entries.

HAMFEST CALENDAR

Southeast US

06/07/2014 | [Georgia Section Convention \(Atlanta Hamfest\)](#)

Location: Marietta, GA

Type: ARRL Convention pending Executive Committee approval

Sponsor: Atlanta Radio Club (W4DOC) & Kennehoochee Amateur Radio Club (W4BTI)

Website: <http://www.atlantahamfest.org>

07/26/2014 | [Cullman ARC Hamfest](#)

Location: Cullman, AL

Type: ARRL Hamfest

Sponsor: Cullman Amateur Radio Club

Website: <http://cullmanarc.webs.com/>

08/16/2014 | [Southeastern Division Convention \(Huntsville Hamfest\) - "REGIONAL ARRL CENTENNIAL EVENT"](#)

Location: Huntsville, AL

Type: ARRL Convention

Sponsor: Huntsville Hamfest Association

Website: <http://www.hamfest.org>

10/11/2014 | [ARC of Augusta, GA Hamfest](#)

Location: Blythe, GA

Type: ARRL Hamfest

Sponsor: Amateur Radio Club of Augusta

Website: <http://www.theamateurradioclubofaugusta.org>

10/11/2014 | [La Grange Hamfest](#)

Location: LaGrange, GA

Type: ARRL Hamfest

Sponsor: La Grange Amateur Radio Club

Website: <http://www.lagrangeradioclub.org>

11/01/2014 | [Georgia State Convention \(Stone Mountain Hamfest\)](#)

Location: Lawrenceville, GA

Type: ARRL Convention

Sponsor: Alford Memorial Radio Club

Website: <http://stonemountainhamfest.com>

BSA Venture Crew 73 Wants You!

IF YOU are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology, **Venture Crew 73 is for you.**

- Venture Crews are part of the Boy Scouts of America.
- *Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.*
- Venture crew 73 is coed.
- *Meetings are on the second Tuesday of the month, 7:00 pm, at EAA 690 Hangar at:
Briscoe Field - Sports Aviation Complex
Hangar 1, 690 Airport Road
Lawrenceville, GA 30045*
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- ◇ *Camping*
- ◇ *Hiking*
- ◇ *Horseback Riding*
- ◇ *Shooting Sports*

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

Steve Back, WB2OGY

Venture Crew 73 Committee Chairman

Phone: 770-712-9069

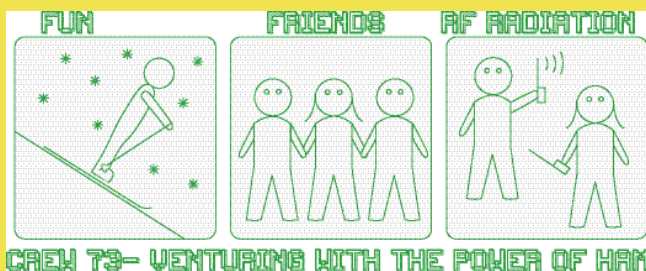
Email: committeechair@venturecrew73.org

Jeff Lee, AF4JL


















Venture Crew 73 Advisor

Phone: 678-475-3165




Email: advisor@venturecrew73.org



G A R S Officers and Committee Chairs

Rick Cobb, President	N4XYX	
Mike Weathers, Vice President	ND4V	
Allison Lynch, Secretary	KZ3JFY	
Sid Weaver, Treasurer	N4NQ	
Mike Smith, Program Manager	KK4KHS	
Karen Albritton Membership Chairman	KI4HPP	
Dave Bruse, Ham Exam Team Leader	W4DTR	
David Adcock, Webmaster, Field Day Chairman	KA4KKF	
Dorothy Jubon, Public Information Officer	N2DLJ	
Ralph Pickwick TechFest Chair, Apparel Mgr	KJ4CNC	
Ray Bailey, GARzette Editor	N4GYN	
Jeff Cutchins Multimedia Chairman	AB4HF	
John Ackermann, W4GR Trustee	N8UR	
Eddie Foust, Repeater Chairman	WD4JEM	
Mike Weathers, WAS-Checker, Historian	ND4V	
Phil McCleary, Net Manager, ELMER Chair	N4LNE	
Mike Swiderski, Technical Advisor	K4HBI	

DIRECTORS

Kyle Albritton	W4KDA	
David Adcock	KA4KKF	
Norm Schklar	WA4ZXV	

App Of The Month

This month's app is a companion to the Website Of The Month www.repeaterbook.com. The **mobile** app has versions for iOS (in the [App Store](#)), and Android (in [Google Play](#)). The app uses your device's built-in GPS to help locate the repeaters closest to your location. Unlike the website, when you open the app you are automatically presented with a display of the closest repeaters. The display includes frequency, offset, PL Tone, distance, and approximate bearing such as Northwest, etc. Tapping on a repeater brings up additional information about that particular repeater.

Another nice feature is the Grid Square for your current location which is displayed at the top of the screen. This comes in handy if you are operating mobile and making contacts during band openings.

In the app's settings you have the option to select the particular Band(s) and Services such as FM, D-STAR, IRLP, etc, including Max Distance, and Miles or Kilometers. You can also sort the list by Distance, Frequency, Band, PL, Call, or Service.

The app is regularly updated with the latest changes to the database on the website.

The best part? The app is free!

Bill Cherepy, WB4WTN

GARS Recurring Calendar

- ◆ Monthly club meeting is the 2nd Tuesday of the month at 7 pm
- ◆ Every Monday at 8 pm: GARS Want, Swap, Sell, and Information Net on the GARS 2-meter repeater
- ◆ Every Wednesday at 8:30 pm: GARS Know It All Net on the GARS 2-meter repeater
- ◆ Every Thursday at 9 pm: GARS Round Table Net, 2 & 6 Meters

Every Saturday at 7:30 am: GARS Weekly Family Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville

Meeting Minutes for May 13 , 2014

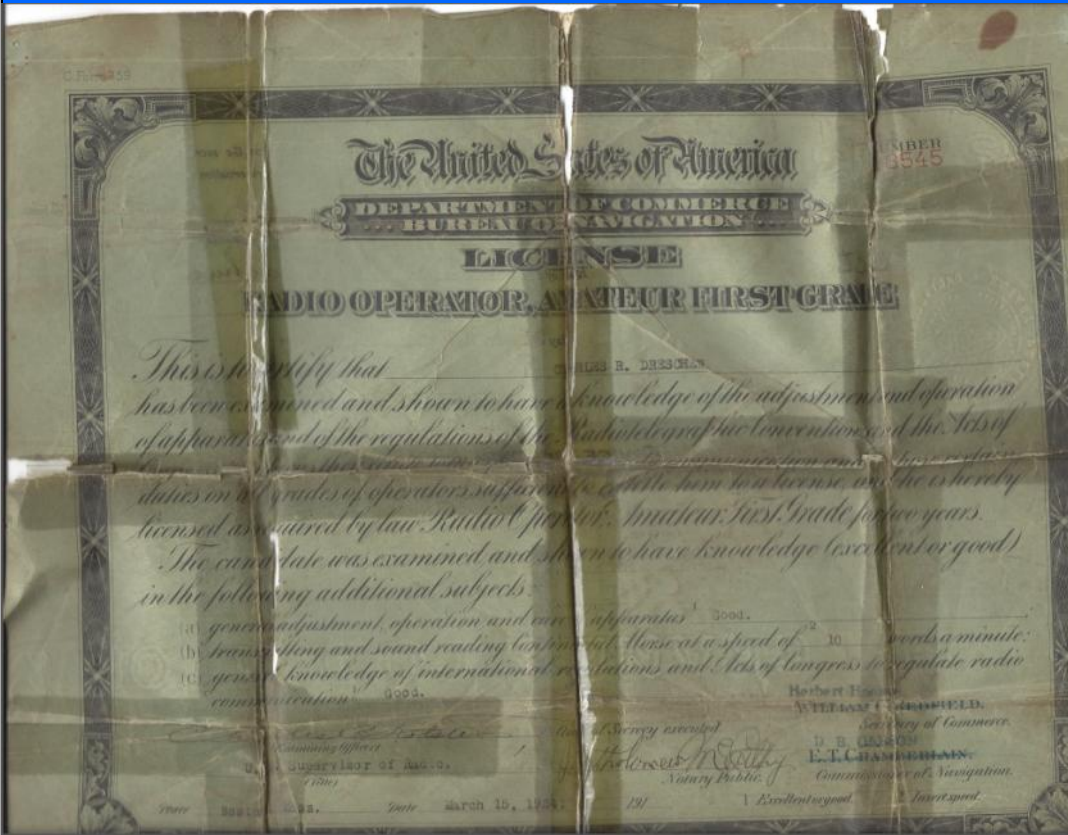
- GARS President Rick Cobb, N4XYY, brought the meeting to order at 7:00 p.m.
- Introductions of attendees and first time visitors were made.
- Martha Muir, W4MSA, gave a review of the Atlanta Science Festival Expo.
- Sid Weaver, N4NQ, gave the treasurer's report.
- Karen Albritton, KI4HPP, reported that GARS has 281 members.
- Ralph Pickwick, KJ4CNC, announced that this is the last day to order field day t-shirts.
- The final totals aren't in yet, but it looks like GARS is the top scorer for multi/multi in the state for the Georgia QSO Party.
- Satellites in the Park was a great success. Twenty or more people were there.
- May Madness logs need to be emailed to af4fg@arrl.net.
- Earl Whatley, AF4FG, explained what we will do at the Memorial Day Parade.
- GARS will have a table at the ARC Hamfest. There will be an antenna launcher contest. It will take place on June 7th at Jim Miller Park in Cobb County.
- The GARS June meeting will be held at Harbins Park, which is the field day location.

BREAK

- We had an excellent program, "Field Day 2014" by David Adcock, KA4KKF; Kyle Albritton, W4KDA; and Earl Whatley, AF4FG.
- Prize drawings were made.
- There were 73 attendees.
- The meeting adjourned at 8:56 p.m.

Allison Lynch, KZ3JFY, Secretary

Charles R. Dresher License —1924



Randy Dresher's father's first Amateur Radio License, dated March 15, 1924.

Courtesy of Randy Dresher, K4HS

GARS CALENDAR OF EVENTS JUNE 2014

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
						1
2 8:00 pm - 8:30 pm GARS 2m Net	3 6:30 pm - 8:00 pm GARS Exec Meeting	4 8:30 pm - 9:30 pm GARS Know-It-All Net	5	6	7 7:30 am - 9:30 am Breakfast at Golden Corral Riverside Drive	8
9 8:00 pm - 8:30 pm GARS 2m Net	10 5:00 PM - 6:30 PM Dinner at Flying Machine 7:00pm -9:00pm GARS Meeting	11 8:30 pm - 9:30 pm GARS Know-It-All Net	12	13	14 7:30 am - 9:30 am Breakfast at Golden Corral Riverside Drive	15
16 8:00 pm - 8:30 pm GARS 2m Net	17	18 8:30 pm - 9:30 pm GARS Know-It-All Net	19	20	21 7:30 am - 9:30 am Breakfast at Golden Corral Riverside Drive	22
23 8:00 pm - 8:30 pm GARS 2m Net	24	25 8:30 pm - 9:30 pm GARS Know-It-All Net	26	27	28 FIELD DAY 2014	29 FIELD DAY 2014
30 8:00 pm - 8:30 pm GARS 2m Net		NOTES:				

Metro Testing Sessions	Ham Exam Results	Metro Club Meetings
<p><i>GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at http://www.arrl-ga.org.</i></p> <p>First Sunday, ODD Months 2 pm (Jan, Mar, May, Jul, Sep, & Nov) WCARS VEC Braselton Public Utility Building 4986 Highway 53, Braselton, GA Roger Gibson, WB4T (770) 271-4210 or (770) 712-9560 w4rlg@bellsouth.net</p> <p>First Sunday, EVEN Months 2 pm (Feb, Apr, Jun, Aug, Oct, Dec) WCARS VEC Hall County EOC 470 Crescent Dr. Gainesville, Ga. Perry Roper, KO4RD (770) 536-3056</p> <p>Second Saturday, ODD Months ARRL VEC 8:30 a.m. Stone Mountain Methodist Church 5312 West Mountain St. Stone Mountain Bob Varone, W4ETN (770) 978-3179</p> <p>Second Sunday VEC: W5YI 2 pm Gwinnett County Fire Station #5 3001 Old Norcross Road Duluth, GA 30096 Contact: Dave Bruse, W4DTR Email: exams@gars.org</p> <p>Third Saturday VEC: W5YI 2 pm (Except December) Lifeway Church 1654 Atlanta Highway #109 Steve Donellan, N5SMD (404) 520-0368 Email: n5smd@comcast.net</p> <p><i>(cont. next column)</i></p>	<p>We had an excellent exam session this month!</p> <p>2 out of 2 applicants passed</p> <p>Ham exam session results:</p> <p>- 2 new Technicians -</p> <p>Thanks to the VE's who made this exam session possible:</p> <p>Dave Bruse, W4DTR (CVE) Bill Cherepy, WB4WTN Don Bagby, KK4NJM (Co-CVE) Frank Haynes, KV4SP Jim Webb, W4NTA Mark Fehlig, WA6NGC (Co-CVE) Mitch Matteau, N0DIM Rick Cobb, N4XYY</p> <p>73,</p> <p><i>Dave,</i> W4DTR</p> <p>Email: exams@gars.org</p> <p>GARS VE Website: http://groups.yahoo.com/group/ARS_VE_Team/</p> <p>Fourth Tuesday ARRL VEC 7 pm @ United Way Service Center 6279 Fairburn Rd., Douglasville Jessie Clower, KB4WFK (770) 942-6466</p> <p>Fourth Sunday 2:30 pm Georgia Tech VanLeer Elec. Building Rm. W218, 777 Atlantic Dr. See www.w4aql.com Alexander G. Carver (404) 894-2936 acarver@ece.gatech.edu</p>	<p>First Tuesday Kennehoochee ARC Downtown Marietta Fire Station #1, Training Room 112 Haynes Street Marietta, Georgia 30060 Meeting begins at 7:00pm Talk In 146.880(-)</p> <p>First Thursday Atlanta Radio Club Georgia Red Cross HQ 1955 Monroe Dr., Atlanta Meeting is at 7:30pm Talk In -146.820(-) N.E. Georgia ARC Commerce Public Library Meeting is at 6:30pm Talk In - 147.225(+) PL 123.0</p> <p>Second Monday Georgia Tech ARC Room W218 Van Leer Electrical Engineering Bldg. Georgia Tech Campus Meeting at 7:00pm</p> <p>Second Thursday Alford Memorial Radio Club Annistown Road Baptist Church Intersection of Annistown Rd & Spain Rd Stone Mountain Dinner at 6:00pm Meeting at 7:30pm Talk In - 146.760(-)</p> <p>Second Saturday North GA QRP Club Board Room of The Shepherd Center at 2020 Peachtree Rd, NW, Atlanta at 10:00 AM</p> <p>Third Tuesday North Fulton Amateur Radio League Alpharetta Recreation & Parks Dept Alpharetta Adult Activity Center 13450 Cogburn Road Alpharetta, GA 30004 meeting at 7:30pm Talk In - 145.47(-) For more, go to: http://www.gars.org/</p>

Dayton 2014 Trip - GARS - Club Of The Year

(Continued from page 6)

the place. After 40 minutes travel south, I pulled into the parking lot looking for Rick, Kyle, and Norm. They were on the south side of town and rode together. It was a great get together with about 25 of the movers and shakers of DARA and the award winners. The dinner was great. The deserts were excellent too. We broke up about 1030 and went back to the hotel to get ready for Sunday.

Sunday May 18th, 0830. It was a beautiful day. The sun was out with a slight chill in the air. Packed the car and ate breakfast and checked out of the hotel. Made my way to the Arena, for the last stroll through the bone yard. You never know what deal you may see on the last day. I found the Icom 706mkIIg microphone I was looking for and some connectors. I also went by HRO and picked up an Icom ID-5100 with Bluetooth. I also picked up a Raspberry PI and GERT board from MCM Electronics to experiment with serial devices. So I made my purchases and was ready for the prize drawing and awards. Rick, Kyle, Norm and I got a front row seat at the awards presentation and the drawing for all the left over prizes that were not claimed. Then the final prize drawing. We didn't win a thing. Oh well there will be other trips to other HAM-FEST.

Mike and Norm left for the airport about 1430 and the rest of us made our way out to our cars and started the trip home. We waited till we made Kentucky to top off our gas tanks and grab a bite to eat. We were on 146.520.

As we made our way south, we picked up another ham. KA9FJD, Stan was from Perry, GA. He used to be a GARS member when he lived in Duluth. We made it to exit 81 south of Knoxville to refuel and grab a bite to eat. The plan was to eat in the car, but we decided to rest a while and have some BBQ. On the road again, we kept a pace up to reach home by 2330. It was an uneventful ride till half way to Chattanooga, we had to detour because of construction. My GPS had me going out of the way, but Rick had Google maps up and running that put us on a twisty winding road that paralleled I-75 for about 5 miles. We made it back on to I-75 and picked up speed again to close the gap to reach home by 2330. We made it to highway 20 exit and I was going to exit and cut across to home. Rick and Kyle proceeded to I-285 and around to I-85 to home. After 6-8 miles, traffic stopped and no one was moving. It was a bad wreck. People started turning around and heading back to I-75. I lost 15 minutes in this move. I made the trip around the top end and up I-85 to home and pulled into the drive way at 2345. I left everything in the car and made it into bed before midnight. What a trip!

You have to go to Dayton once, just to see what it is like to rub elbows with 25 to 30 thousand fellow hams. This was my third trip.

73,

David, KA4KKF

The GARzette

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

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If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by email to n4gyn@arrl.net. Artwork can be accepted in most any graphics format and can be submitted via email to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The GARzette is published each month with the assistance of Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: Ray Bailey—N4GYN
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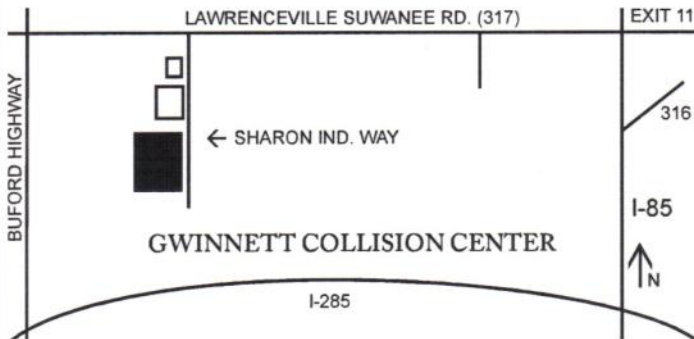
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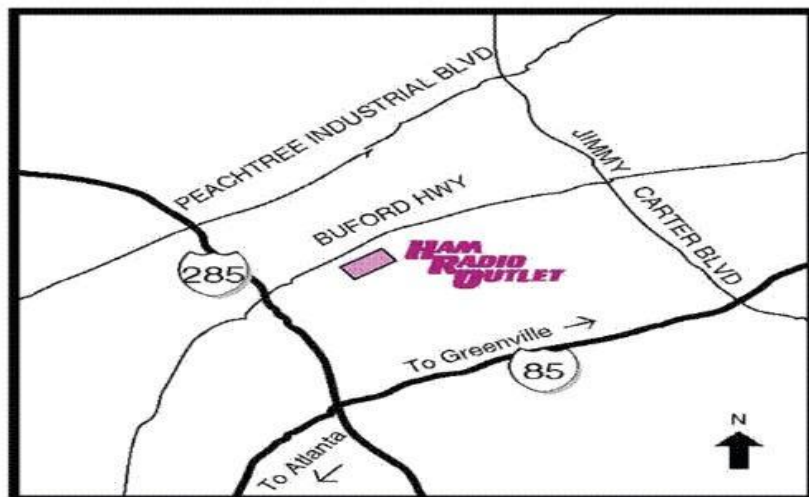
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